

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 December 2003 (18.12.2003)

PCT

(10) International Publication Number
WO 03/105527 A1

(51) International Patent Classification⁷: **H04R 17/00**

(21) International Application Number: **PCT/AU03/00701**

(22) International Filing Date: **4 June 2003 (04.06.2003)**

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:
PS 2792 5 June 2002 (05.06.2002) AU

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

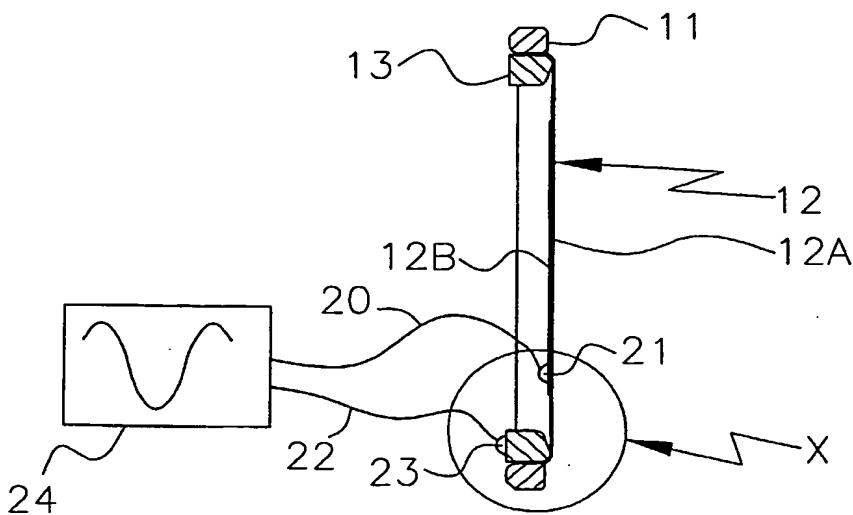
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PIEZOELECTRIC TRANSDUCER SYSTEMS



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(57) **Abstract:** A transducer assembly has a generally planar resonator (12) (such as a disc) bonded on one face to a sheet of piezoelectric material (12B) and having a mounting flange (12C) (which may extend all around the periphery of the resonator) to mount the resonator between inner (13) and outer (11) mounting elements such as rings. An electric circuit (24) drives the piezoelectric sheet (12B) and, when used for sound generation, a tuned acoustic structure is provided for directing sound away from the resonator (12).